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REPORT NEW CONSTRUCTION EQUIPMENT

MOSCOW PLANT MAKES 36-TON CRANE -- Sovetskaya Kirgiziya, No 162, 19 Aug 49

The Pod'yemnik Plant in Moscow has completed the first 36-ton ground-type roof crane ever built in the USSR. The crane, designed for large metallurgical enterprises, will be sent to the Dnepropetrovsk Metallurgical Plant imeni Petrovskiy.

WELD TOWER CRANES ELECTRICALLY -- Vechernyaya Moskva, No 204, 27 Aug 49

Workers of the Moscow Tower Crane Plant are now being put through a 4-month course in electric welding. The assembly shop has received five new Nikitin electric welding machines. Cranes assembled by electric welding are nearly 10,000 rubles cheaper than ordinary cranes.

TEST NEW CONSTRUCTION MACHINERY -- Sovetskaya Belorussiya, No 170, 27 Aug 49

A group of innovators of Construction-Assembly Administration No 8 of the Avtopromstroy Trust have designed and built two machines, one for cleaning Ruberoid and the other for laying and cementing roofing materials. The first machine has shown excellent results in tests and the second will be tested soon.

BAKU METAL COMBINE PERFECTS NEW PRODUCTS -- Bakinskiy Rabochiy, No 171, 31 Aug 49

Recently, the Baku Metal Combine perfected a number of new types of products. The combine was the first to produce pumps for pumping bitumine. The so-called steam jacket with which the pumps are equipped permits maintaining the necessary temperature for bitumine under winter conditions. The products of the plant are intended primarily for Moscow enterprises. The shops of this combine also produce overhead trolleys, worm shafts, machines for the production of arch bricks and various spare parts for machines at the Altay and Binagady stone quarries.

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PLANT METAL CONSUMPTION CUT BY NEW METHODS -- V Pomoshch FZMK, 15 Aug 49

New techniques in production have enabled the Mashinostroitel' Plant of the Ministry of Transport to complete the plan for the first half year ahead of time, and to release 600,000 rubles in working capital to the national economy.

Scientific laying out of patterns for sheet-metal stamping saved 277,500 kilograms of material in making one excavator cab. In producing one "B-16" excavator 255 kilograms of metal were saved through cutting semifinished parts from a single sheet on two machines at once.

A saving of 51 tons of sheet metal and channel bars per year was realized in the manufacture of excavator turntables. A new method of making universal-joint guards for truck cranes saved $\frac{1}{2}$ ton of metal. In making cleats for excavators 200 kilograms of structural metal were saved, while 4.5 tons of structural metal were saved after perfecting the design of a number of parts.

DEVELOP BRICK-CUTTING MACHINE -- Promyshlennost' Stroitel'nykh Materialov, No 33, 12 Aug 49

The Krasnyy Oktyabr' Plant of the Ministry of Construction and Road-Machine Building has developed and tested the first ten rotary automatic RA-1 cutting machines. The new machine, attached to a vacuum press, can cut 14 sun-dried clay bricks simultaneously and has an hourly capacity of 7,500 pieces. The machine can be adapted to produce regular, hollow, and lining brick, and also building blocks, blocks for roofing, etc. The plant will begin serial production of the machines for the brick and ceramics industries in the near future.

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